

m/023/009

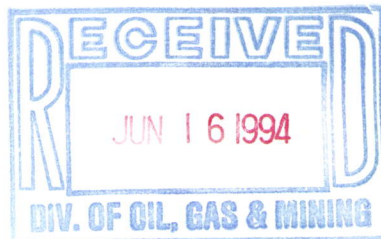
ASH GROVE CEMENT COMPANY



Western Region
P.O. Box 51
Nephi, Utah 84648
801-857-1212

June 15, 1994

D. Wayne Hedberg, Permit Supervisor
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



Re: Proposed Mining Plan Modifications to the Ash Grove
Cement Quarry located by the Leamington Plant

Dear Mr. Hedberg:

Due to growth, it has become necessary to amend the existing mining plan for the Leamington Quarry. This plan was submitted by the former plant owner, Martin Marietta Cement in 1979. Enclosed is the amendment to existing mining plan, and a map of the quarry area.

Thanks for your assistance in getting approval for this mining plan supplement. Please contact me if additional information is needed.

Sincerely,

Andrew Robinson
Andrew Robinson
Plant Engineer

Enc.

FOR DOGM USE ONLY:

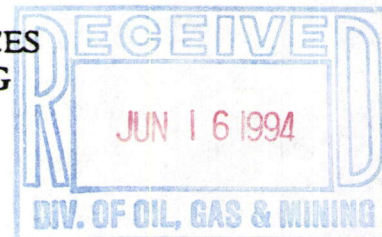
File #: (M/S) _____ / _____ - ____ ()

Approved: (mm/dd/yy) _____

Bond Adjustment: (\$) _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

**NOTICE OF INTENTION TO REVISE MINING OPERATIONS**

When an operator intends to revise a mining operation, a **Notice of Intention to Revise Mining Operations** shall be filed with the Division. The notice must include all information, concerning the revision, that would have been required if it had been included in the original Notice of Intention (NOI). Ideally, the revision application should be a "stand-alone" document and include all information necessary to conduct a complete review.

"**REVISION**" means a **significant change** to the approved Notice of Intention to Conduct Mining Operations, which will increase the amount of land affected or alter the location and type of onsite surface facilities such that the nature of the reclamation plan will differ substantially from the approved Notice of Intention. Revisions require public notice and may require approval by the Board of Oil, Gas & Mining, if a change to the amount and/or form of the reclamation surety is necessary.

"**AMENDMENT**" is an **insignificant change** to the approved Notice of Intention. An amendment requires Division approval, but does not require public notice.

The Division will determine whether a request for change is significant or insignificant on an individual case-by-case basis.

PLEASE NOTE: When applicable, reference to previously approved information contained in the original NOI can be used (identify volume #'s, section, page #, plate/map #'s, & date of submittal). If possible, please attach appropriate copies of the referenced material as part of the application for revision.

Where possible, please format the application to revise mining operations (e.g., text, maps, tables, figures, etc.) to allow direct insertion into the original NOI as replacement pages, or as a separate addendum to the approved NOI.

The operator is encouraged to use this form as a guide only. Please use extra sheets as necessary to complete each section that follows.

The following information must be included as part of the application to revise mining operations:

I. GENERAL INFORMATION (Rule R647-4-104)

1. Name of Operator/Applicant: ASH GROVE CEMENT COMPANY
2. Name of Company/Corporation: ASH GROVE CEMENT COMPANY
3. Address: P.O. Box 51
Nephi, Utah 84648
4. Phone: (801) 857-1212
5. Name of Mine/Project: Leamington Plant
6. Previously Assigned File Number: M S M/023/004
*from original Notice of Intention (NOI)
7. Location of Proposed Activities:

COUNTY Juab & Millard

TOWNSHIP 14 S, RANGE 3 W,

SECTION(S) 32 & 33 (Identify to 1/4, 1/4 section)

TOWNSHIP 15 South, Range 3W - Sections 4 & 5

8. Ownership of Land Surface:

Private (Fee) X Owners Name(s): Ash Grove Cement (fee)
(Private) Ash Grove Cement (Patent)

State of Utah _____ Public Domain (BLM) _____ National Forest (USFS) X

9. Ownership of Minerals:

Private (Fee) ____ Owners Names(s): Ash Grove Cement (Patent)
(Private) _____

State of Utah _____ Public Domain (BLM) _____ National Forest (USFS) X

10. Utah Mining Claim Number(s) N/A

11. Utah State Lease Numbers(s) N/A

II. MAPS, DRAWINGS & PHOTOGRAPHS (Rule R647-4-105)

Appropriate maps, drawings, plates, etc. should be provided that are pertinent to the revision, or amendment of mining operations. Please provide a revised map outlining the previously approved and the new proposed disturbed area boundaries. These materials should be prepared according to the requirements of Rule R647-4-105.

List map numbers or appendices used for this section: one map included

III. OPERATION PLAN (Rule R647-4-106)

Provide a narrative description, referencing any appropriate attached maps or drawings, of the pertinent details of the proposed change(s) in the operating plan. Specific details which are different from those described in the original approved NOI should be included. Identify additional proposed surface disturbance. Include the total number of acres to be affected by the revision or amendment. All appropriate information requirements as outlined under Rule R647-4-106 must be addressed in the application.

(See attached Mining Plan details document)

IV. IMPACT ASSESSMENT (Rule R647-4-109)

Please provide information as required under Rule R647-4-109 regarding projected potential surface and/or subsurface impacts which may be associated with the proposed change(s) in mining operations.

The impact will be the same as described in the original plan, with the exception that there are now additional acres being impacted.

V. RECLAMATION PLAN (Rule R647-4-110)

Describe how you intend to stabilize the disturbed areas upon cessation of operations. This includes backfilling excavations, grading, sloping or contouring, permanent stabilization of slopes or roads, permanent closure of roads, removal of structures and improvements, etc. Provide cross section of the proposed final contour of the land after reclamation.

Please outline any proposed changes to the originally approved reclamation plan. Appropriate sections of Rule R647-4-110 must be addressed as they may apply to the proposed change(s) in mining operations.

There will be no modifications made to this part of the plan, with the exception that the additional disturbed acres will be reclaimed as described in the original plan. And bonding will have to be acquired to insure the reclamation is performed.

VI. VARIANCE (Rule R647-4-112)

Please identify any requests for variance from the requirements of rules R647-4-107, -108, or -111. A narrative justification must also be included for each variance request. A discussion of any alternate methods or other mitigating measures should be included, if applicable.

We have no requests for variance from the requirements of
Rules R647-4-107, 108, or 111.

VII. SURETY (Rule 647-4-113)

Reclamation Surety:

Indicate whether the proposed activities will change the amount of work required to reclaim the minesite. If significant changes will result, then an itemized reclamation cost estimate should be provided (and attached) with direct reference to the specifics of the proposed change(s). This information will be used to assist the Division in determining any reclamation surety adjustments required for the operation.

The proposed activities will change the amount of total work required for reclamation. It will not change the amount of reclaim work per acre as originally planned on.

VIII. SIGNATURE REQUIREMENT

The application for permit change must include a section similar to the following example:

I hereby certify that the foregoing is true and correct.

G. Duane Crutchfield
Signature of Authorized Officer/Representative:

G. Duane Crutchfield
Name (Typed or Print):

Plant Manager - Leamington - Ash Grove Cement Company
Title of Authorized Officer/Representative:

Date: June 15, 1994

Mining Plan Details:

The Ash Grove Cement plant and quarry is located approximately 23.5 miles west-southwest of Nephi, on State Highway 132. The quarry area is in Sections 32 and 33 of Township 14 South, Range 3 West, and Sections 4 and 5 of Township 15 South, Range 3 West, in Juab and Millard Counties. Portions of the area are privately owned by Ash Grove Cement and other portions are in the northern part of the Fishlake National Forest.

Ash Grove Cement currently operates on a mining plan submitted by Martin Marietta Corporation in 1979. There are a few discrepancies between the maps of the plan and the actual verbiage of the plan. It is necessary to establish what the current plan includes as a base for expansion. The following table summarizes the discrepancies and establishes the actual current plan acres:

	LIME QUARRY	NW WASTE AREA	NE WASTE AREA	SILICA QUARRY	TOTAL AREAS ,
ORIGINAL PROPOSED OPERATION MAP	240	20	0	5.4	265.4
BEDROCK GEOLOGICAL MAP	175	0	44	5.4	224.4
MINING PLAN TEXT	177	0	44	7	228 +45 Manuf. 273
ACTUAL CURRENT PLAN	175	20	44	7	246 +45 Manuf. 291

All areas are in acres.

Originally all 291 acres (246 quarry area and 45 acres of manufacturing area) were located on forest service lands. In recent years, and with the land exchange soon to take place, all but 5 of the 291 acres will be privately owned.

It has become necessary to increase the mining area by 140 acres on forest service land, and 131 acres on private land. The total mine plan area would then be 510 acres. This area would include waste deposition areas as well as the quarry areas. Of the 510 acres, 145 will be on forest service land, and 365 acres on private ground. This information is summarized in the following table:

	LIME QUARRY	NW WASTE AREA	NE WASTE AREA	SILICA QUARRY	AREA TOTAL
CURRENT FOREST SERVICE	0	5	0	0	5
PROPOSED INCREASE FOREST SERVICE	140	0	0	0	140
NEW TOTAL FOREST SERVICE	145	SEE LIME QUARRY	SEE LIME QUARRY	0	145
CURRENT PRIVATE LAND	175	15	44	7	241
PROPOSED INCREASE PRIVATE LAND	131	0	0	0	178 131
NEW TOTAL PRIVATE LAND	365	SEE LIME QUARRY	SEE LIME QUARRY	7	372
TOTAL ALL	145+365 510	SEE LIME QUARRY	SEE LIME QUARRY	7	145+372 517

as per
phone call
from
A. Robinson

All areas are in acres.

The above areas are approximated on the attached map.

The quarries will be surface mined by drilling, blasting and transporting material with conventional equipment. The quarry floor will be dropped to a final elevation such that with reclamation, contour will match the natural grades of the surrounding region. Access roads will be constructed to the upper elevations of the quarry. All roads will meet MSHA safety standards. Dust control will be implemented as necessary.

One million tons of "good" limestone is needed each year to meet current plant production rates. Additional tonnages will be required if plant capacity is increased. Currently there are 220 acres of disturbed land. It is projected that this number will increase to 300 acres over the next 8 years, and continue to increase throughout the life of the mine. Material with unsuitable chemistry for manufacturing cement is currently being deposited on claims 22 and 23. Additionally, future material will be deposited on portions of claims 13, 19, 24, 25, 29, 30, 35, 77, 78, and the north area of stone placer #4.